

Imad Serhal

Objective: Looking for a challenging role in reputed company to utilize my engineering skills that can contribute to the company's growth as well as develop my experience.

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Education

Beirut Arab University

Bachelor in Mechanical Engineering

09/2017-01/2022

Relevant Coursework: Engineering Drawing, Heat Transfer, Pump Technology, Refrigeration and Air Conditioning, Instrumentation and Measurement, Engineering Materials and Technology, Fluid Thermal System Design.

Experience

Tohmaz Steel Work

Production Engineer Intern

09/2021-12/2021

- Supervised, and managed production line workers.
- Communicated with clients about design and quality of products.
- Designed, and executed CNC drawings using CAD software.
- Supervised machines while they execute incoming products to ensure product quality and production line efficiency.
- Presented reports to management concerning issues in the manufacturing process.

My Projects SAL

Mechanical Engineer Intern

06/2021-09/2021

- Visited Construction sites and went through the installation process of various pumps, VRV systems (Daiken), boilers, and compressors.
- Participated in preparing project contract documents (time schedule, project design drawings, and BOQ).
- Prepared shop drawings based on the project's design drawings.
- Prepared as-built drawings at the end of the project and handed them over to the project consultant.
- Proposed and applied design procedure, calculations, and selection of equipment ready for permit approval such as (Circulation Pumps, Pressure Pumps, and Duct fans).
- Designed and sized water supply network.
- Calculated CFM and static pressure for all types of fans.

Leadership & Activities

Donner Sang Compteur

Volunteer

02/2020 – Present

- Planned and organized blood drives in multiple universities.
- Communicated with management requesting resources.

The American Society of Mechanical Engineers (ASME Club)

Treasurer

09/2017 – 12/2021

- Prepared and presented budgets for upcoming events and activities.
- Attended seminars and site visits.

Skills & Interests

Technical: Microsoft Office, AutoCAD, SolidWorks, LabVIEW, MATLAB, TIA Portal V15, HAP, Arduino, ladder logic, Python and C++ language.

Soft: Persuasion, Public speaking, Critical thinking, Flexibility, Research, Project management, Supervising, Planning, and Resilience.

Languages: Arabic, English, and French.

Interests: Robotics, Construction, Control, and Renewable Energy.